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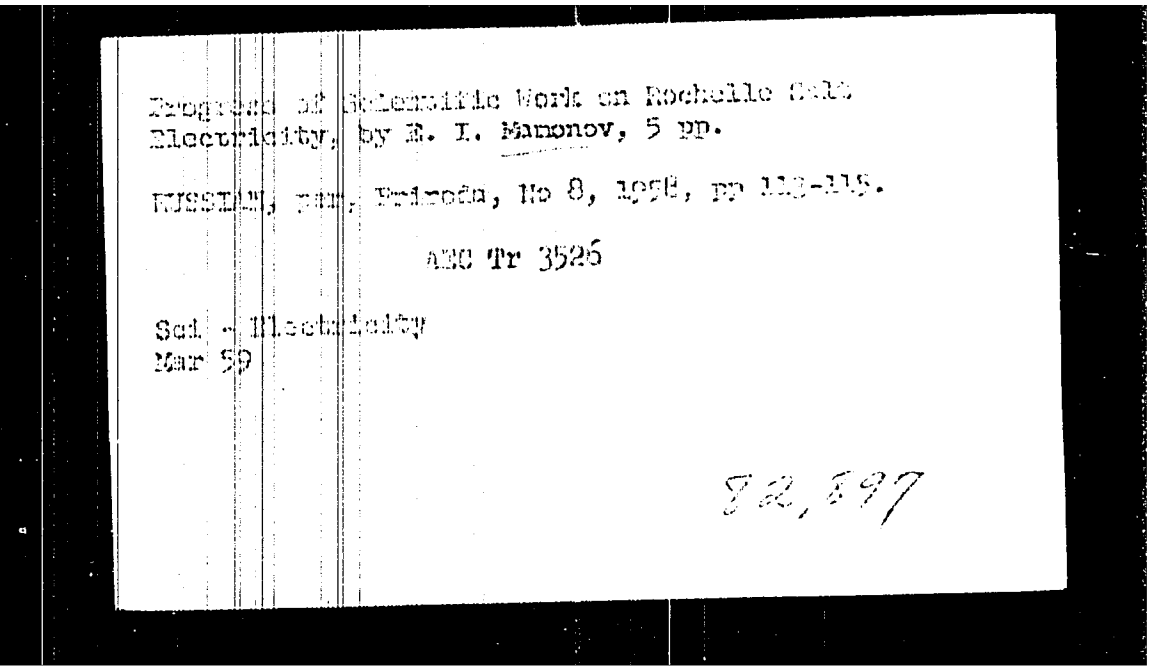

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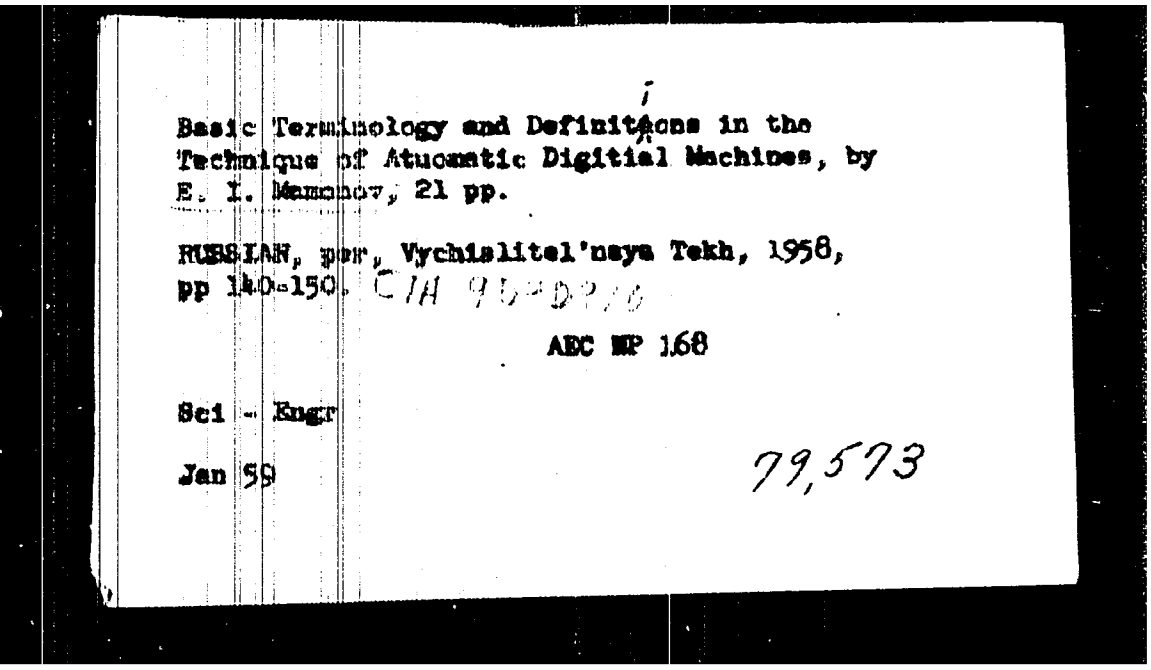

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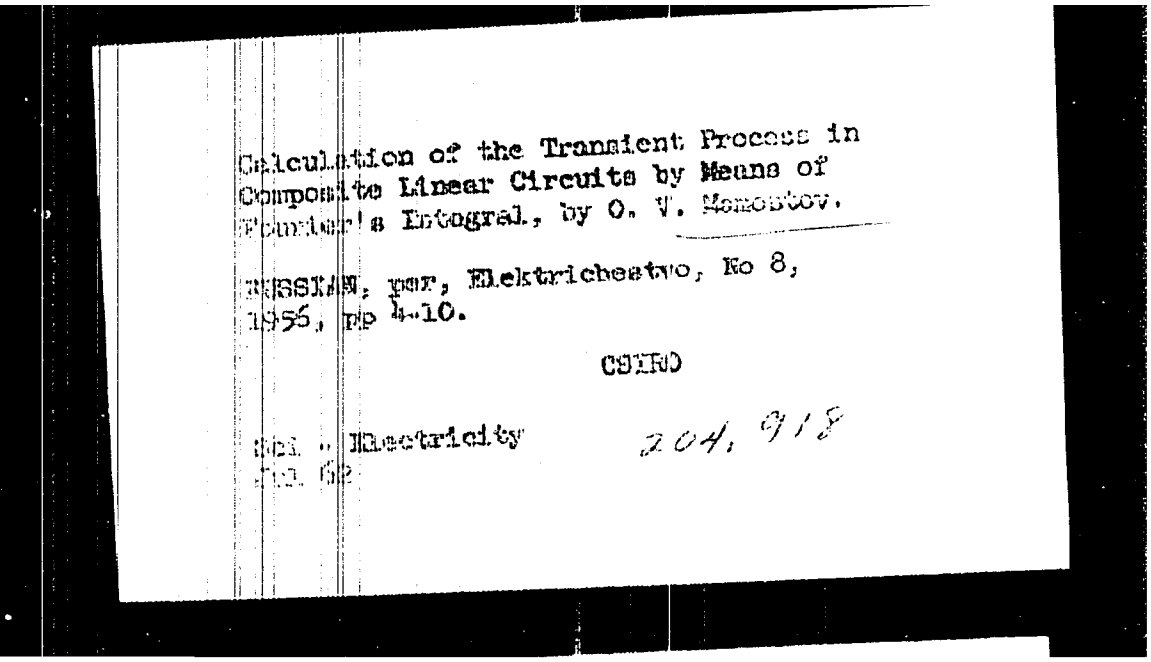

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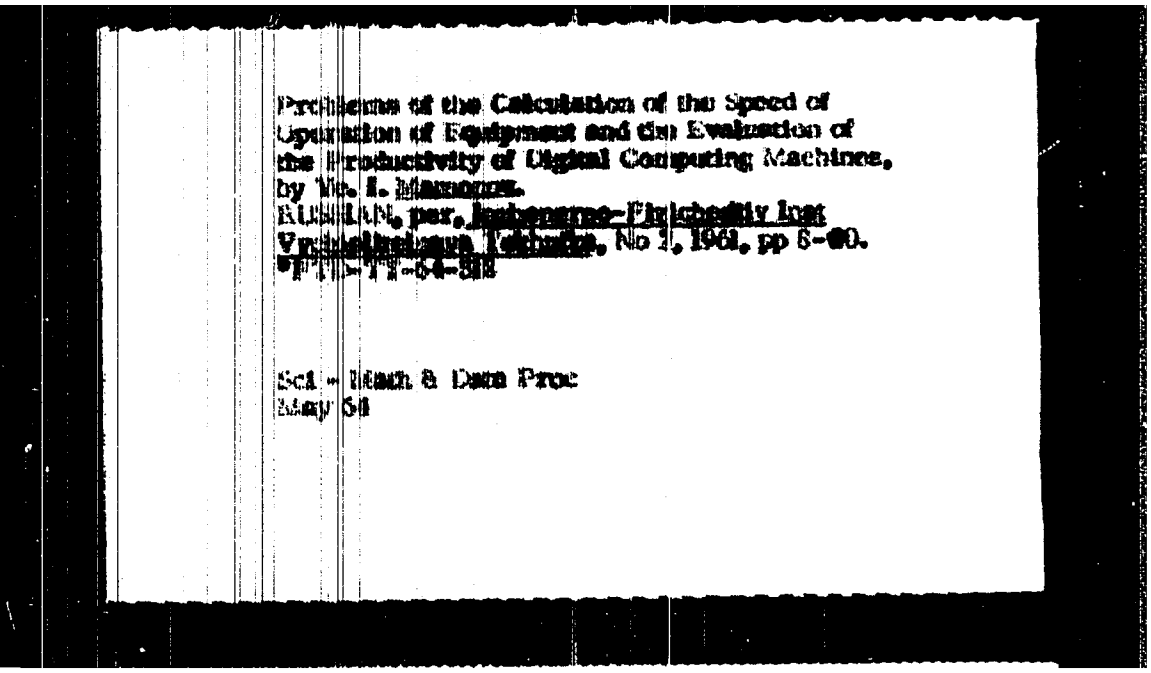

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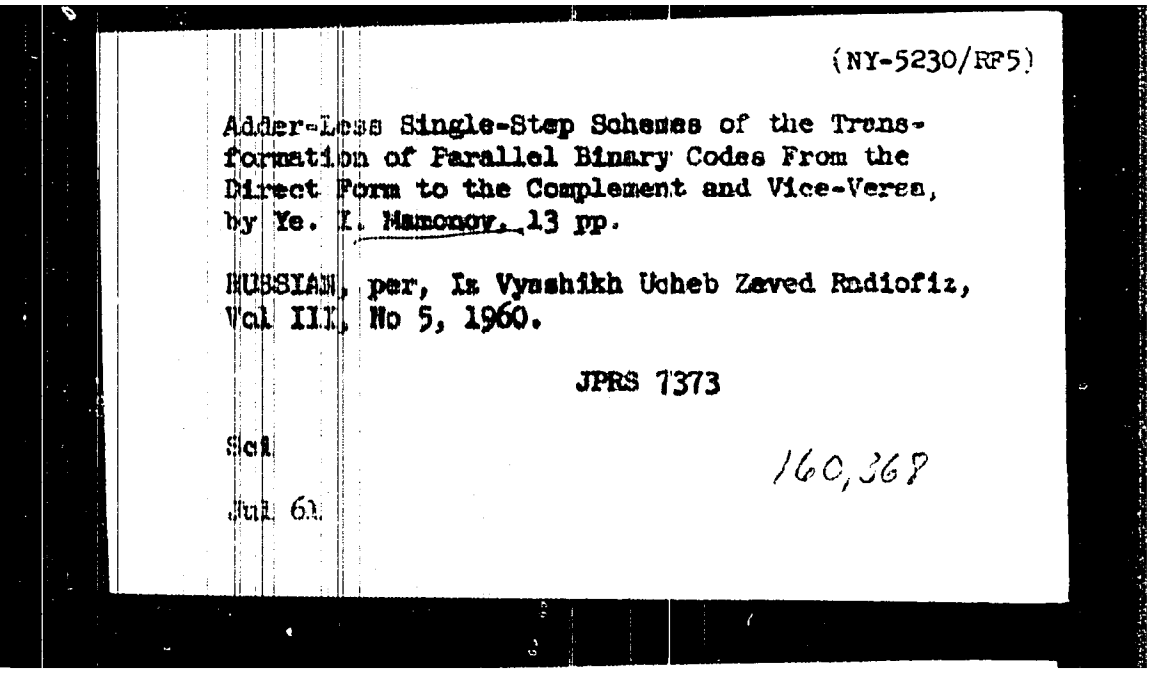

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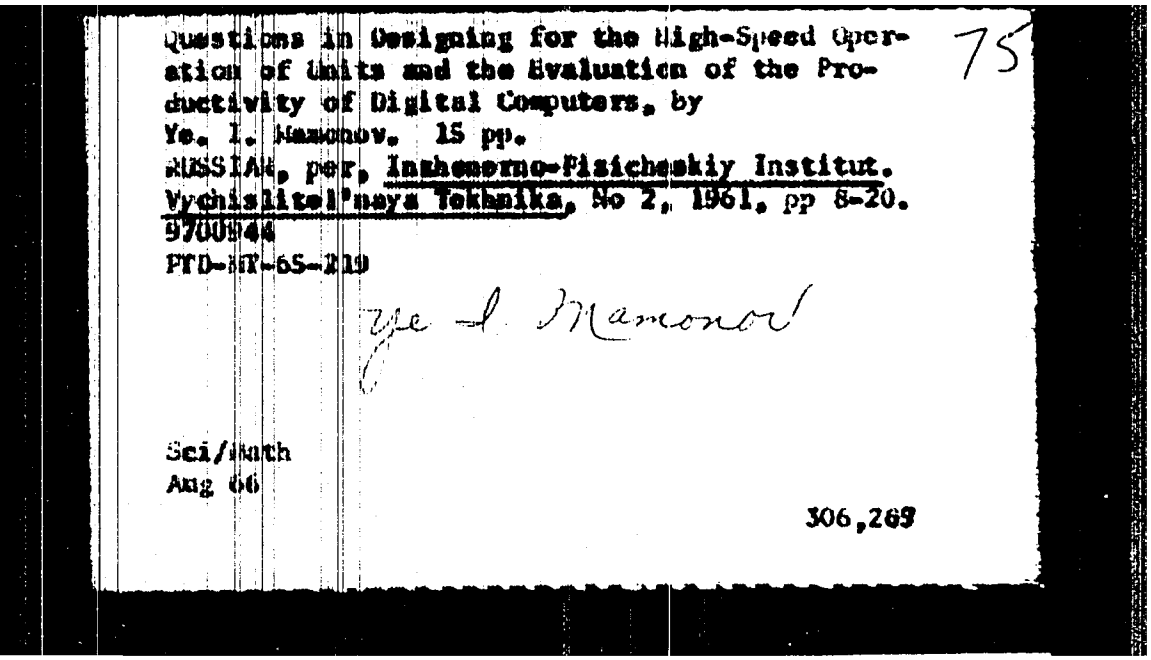

Questions in Designing for the High-Speed Operation of Units and the Evaluation of the Productivity of Digital Computers, by
Ye. L. Mamonov. 15 pp.
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Mamontov, Yu. N.
DIAGRAMS FOR EVALUATING THE EFFECT OF NOZZLES ON PROPELLER PERFORMANCE (Diagrammy dlia Opredeleniya Effektivnosti Ustanovki Napravlayushchikh Nasadok i Rascheta Grebnykh Vintov) tr. by B. V. Nakonechny. Jan 61 [10]p. 2 refs Trans. 301.
Order from L.C or SLA mi$1.80, ph$1.80 61-15312

Trans. of Sudostroyeniye (USSR) 1959 [v. 25] no. 8, p. 9-11.

An approximate method is presented for evaluating the effect of a nozzle on the performance of a propeller. Illustrative diagrams are included. An example of the performance of a tug with and without nozzle is also given. (David Taylor Model Basin abstract)

(Engineering--Ship Building, TT, v. 5, no. 6)

61-15312

1. Propellers (Marine)--Thrust
2. Propeller shrouds--Effectiveness
3. Nozzles--Test results
I. Mamontov, Yu. N.
II. DTMB Trans-301
III. David Taylor Model Basin, Washington, D. C

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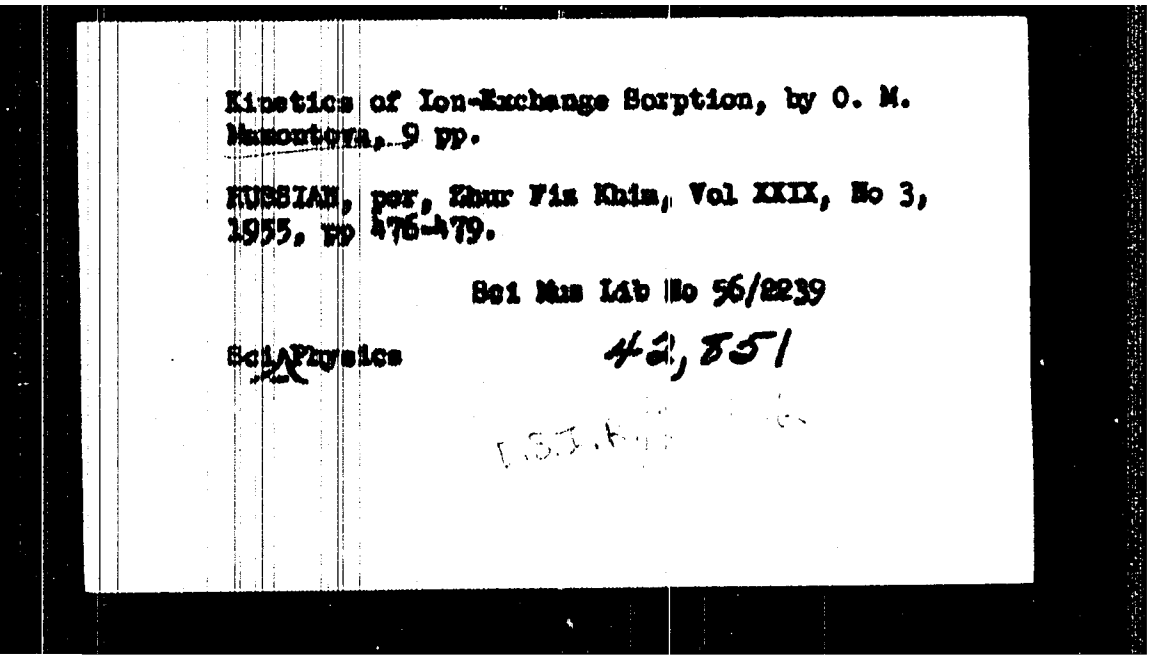

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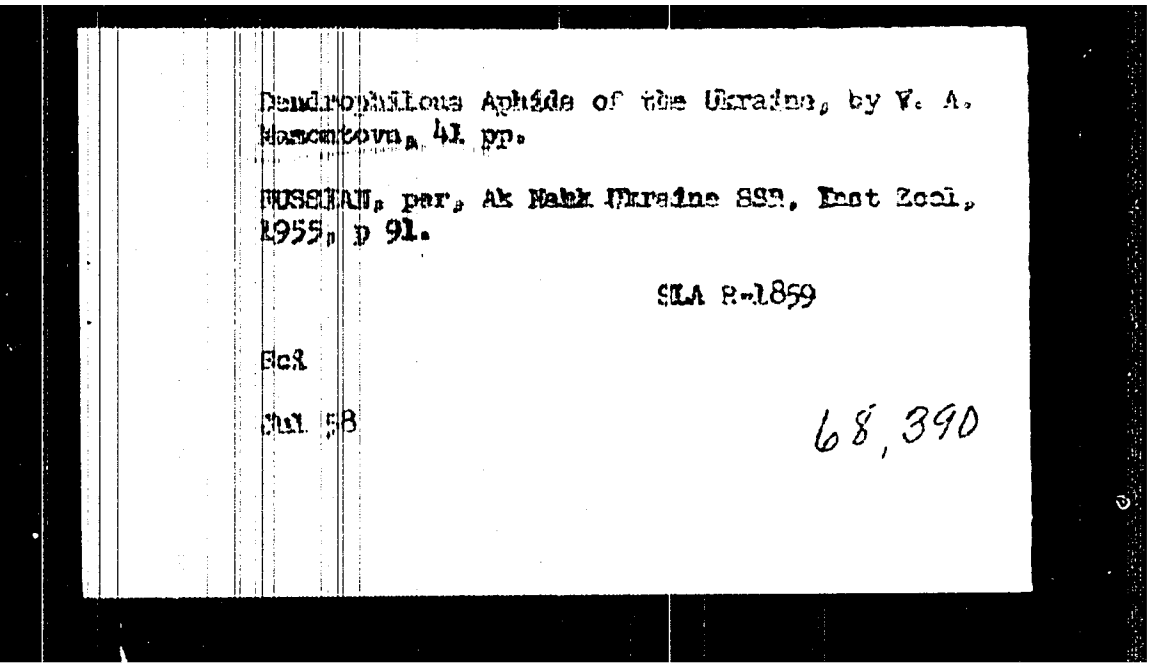

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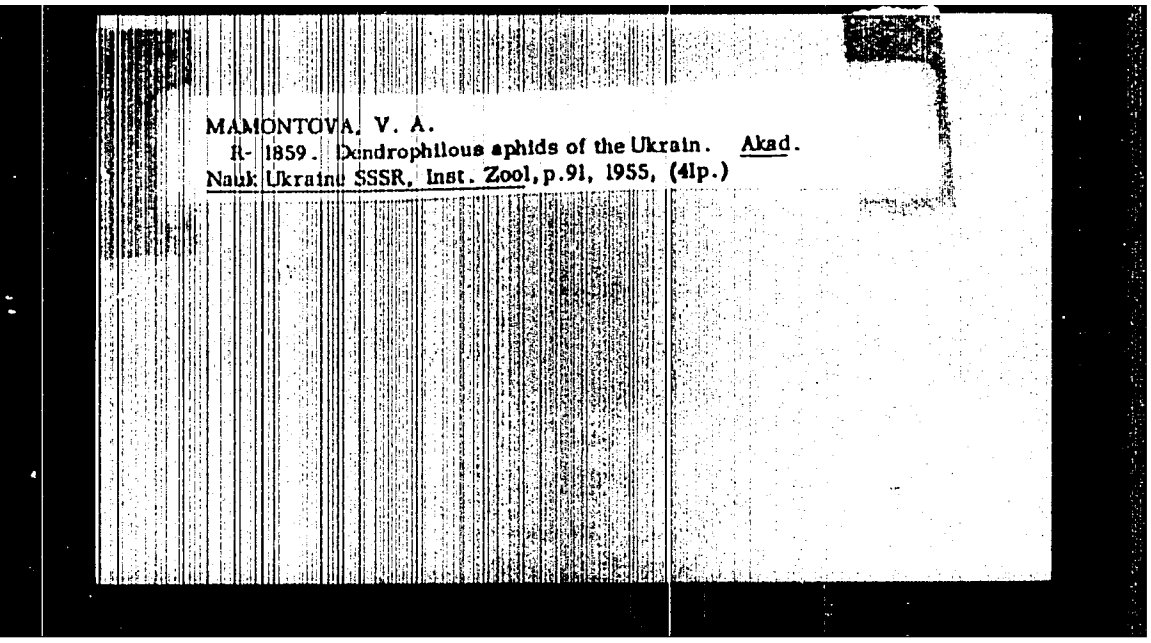

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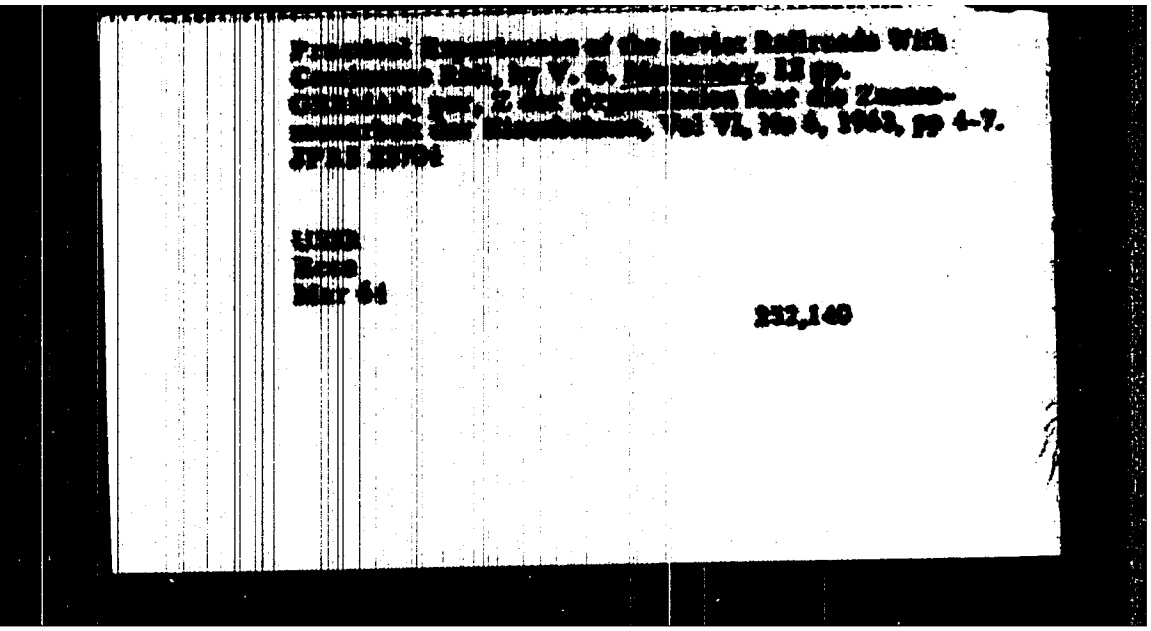

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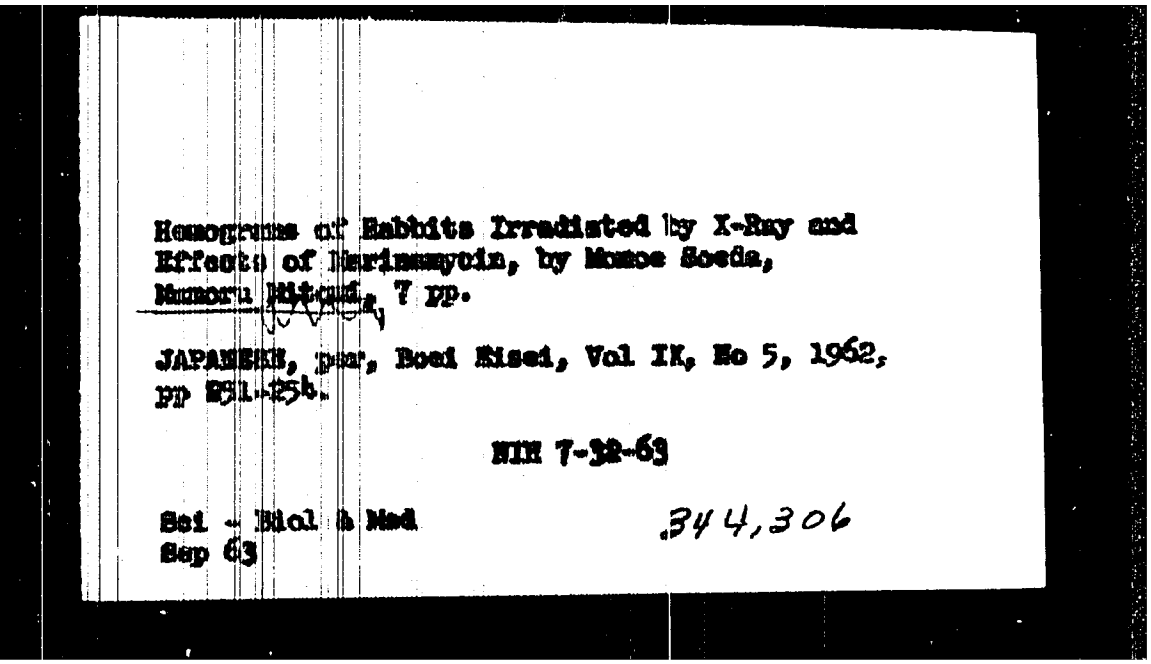

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International Situation and Japan's Course,
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K. I. Mampel

The Time-Dependent Conversion Formulas for Heterogeneous Reactions at the Interfaces of Solid Bodies. Part I. The Development of the Mathematical Method and the Derivation of the Surface Conversion Formulas, by K. I. Mampel. GERMAN, per, Zeitschrift fuer Physikalische Chemie, Vol 187, 1940, pp 43-57, LA-TR-71-8. NTC 71-13822-07D

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K. L. Kampel

The Time-Dependent Conversion Formulas for Heterogeneous Reactions at the Interfaces of Solid Bodies. Part II. The Time-Dependent Conversion Formulas for a Powder of Sphere-Shaped Particles, by K. L. Kampel.
GERMAN, per. Zeitschrift fuer Physikalische Chemie, Vol 187, 1940, pp 235-249, LA-TR-71-9.
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Order from SLA $1.60 TT-63-20649

Trans. of [Zeitschrift für Physikalische Chemie, Leipzig (Germany) 1940, v. 187a, p. 235-249]. (Abstract available).

DESCRIPTORS: *Reaction kinetics, Solids, Chemical reactions, Equations, Corrosion, Combustion, Ores (Metal sources), Heat treatment, Dehydration, Phase studies.

A method developed earlier is used to calculate the time-transformation formula for a powder consisting (Chemistry--Physical, TT, v. 11, no. 3) (over)

TT-63-20649

I. Mampel, K. L.
II. Title: Time ...

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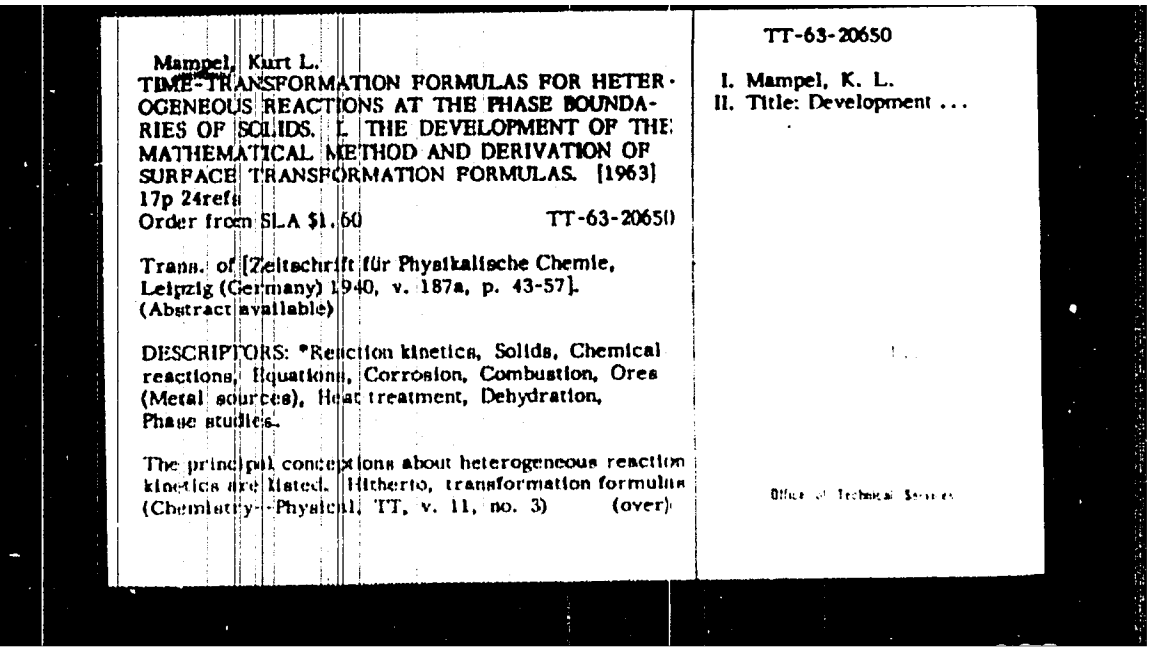

Mampel, Kurt L.
TIME-TRANSFORMATION FORMULAS FOR HETEROGENEOUS REACTIONS AT THE PHASE BOUNDARIES OF SOLIDS. I. THE DEVELOPMENT OF THE MATHEMATICAL METHOD AND DERIVATION OF SURFACE TRANSFORMATION FORMULAS. [1963] 17p 24refs
Order from SLA $1.60 TT-63-20650

Trans. of [Zeitschrift für Physikalische Chemie, Leipzig (Germany) 1940, v. 187a, p. 43-57]. (Abstract available)

DESCRIPTORS: *Reaction kinetics, Solids, Chemical reactions, Equations, Corrosion, Combustion, Ores (Metal sources), Heat treatment, Dehydration, Phase studies.

The principal conceptions about heterogeneous reaction kinetics are listed. Hitherto, transformation formulas (Chemistry--Physical, TT, v. 11, no. 3) (over)

TT-63-20650

I. Mampel, K. L.
II. Title: Development ...

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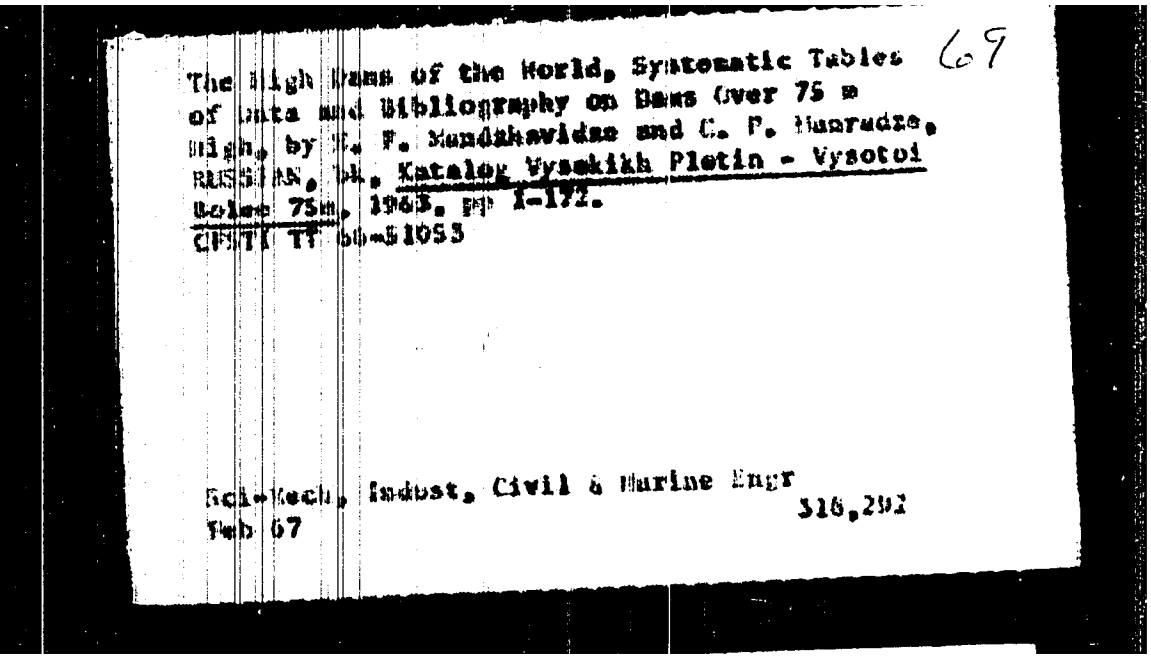

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CFSTI TT 66-51053

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Feb 67

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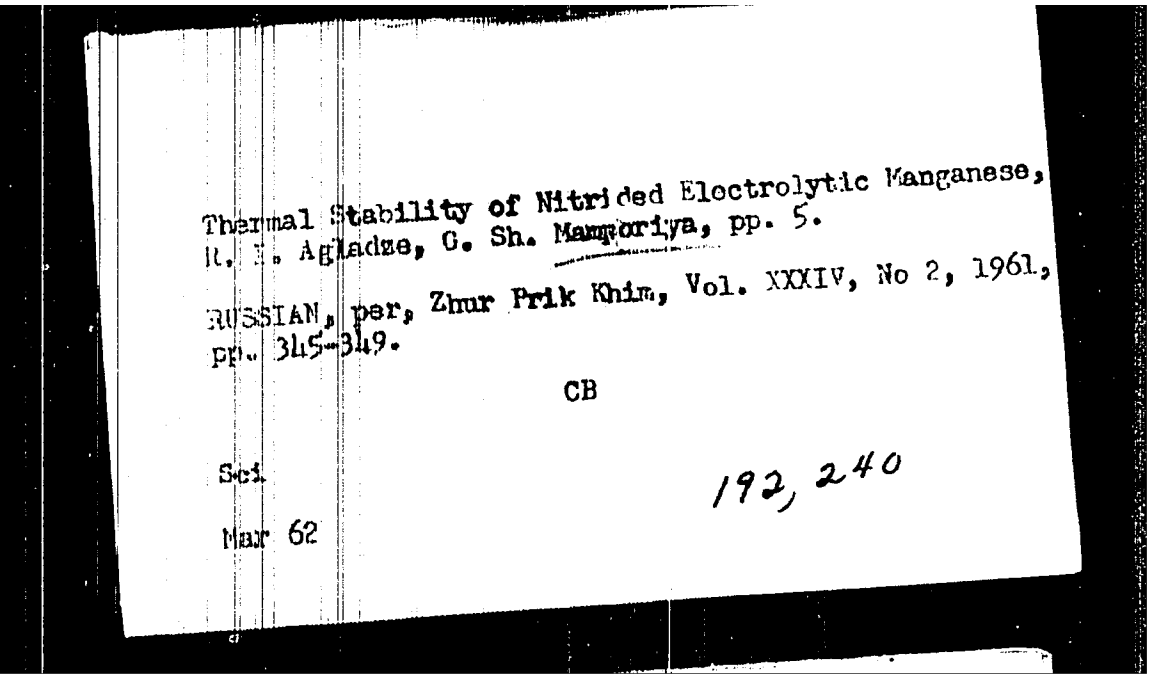

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R. I. Agladze, G. Sh. Mamporiya, pp. 5.

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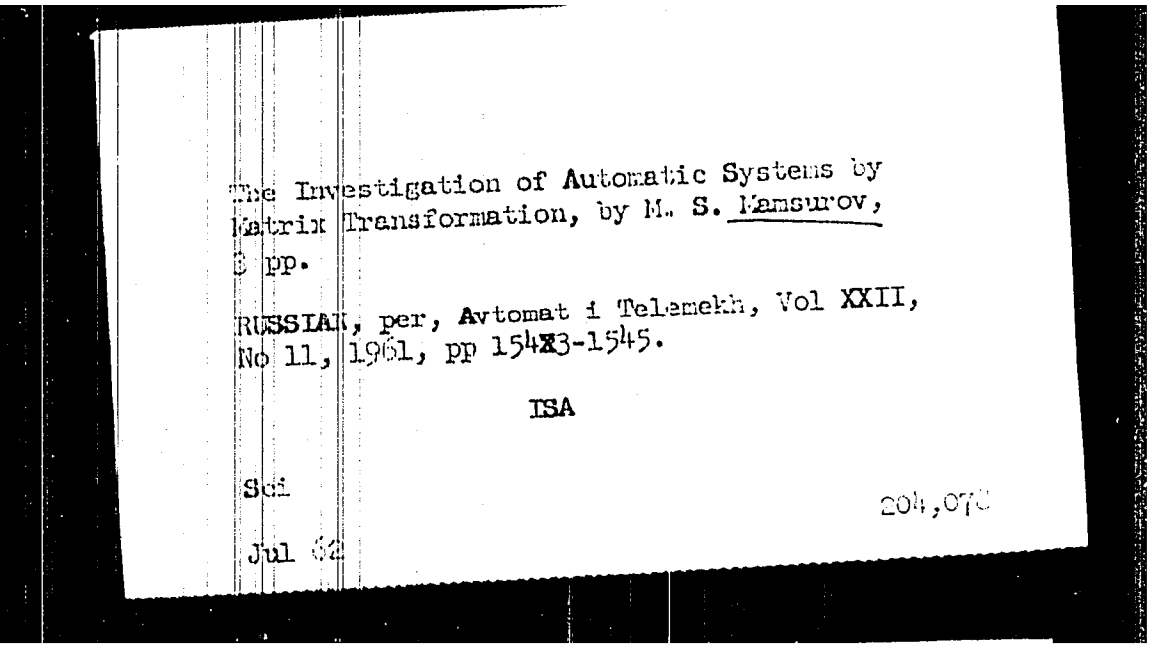

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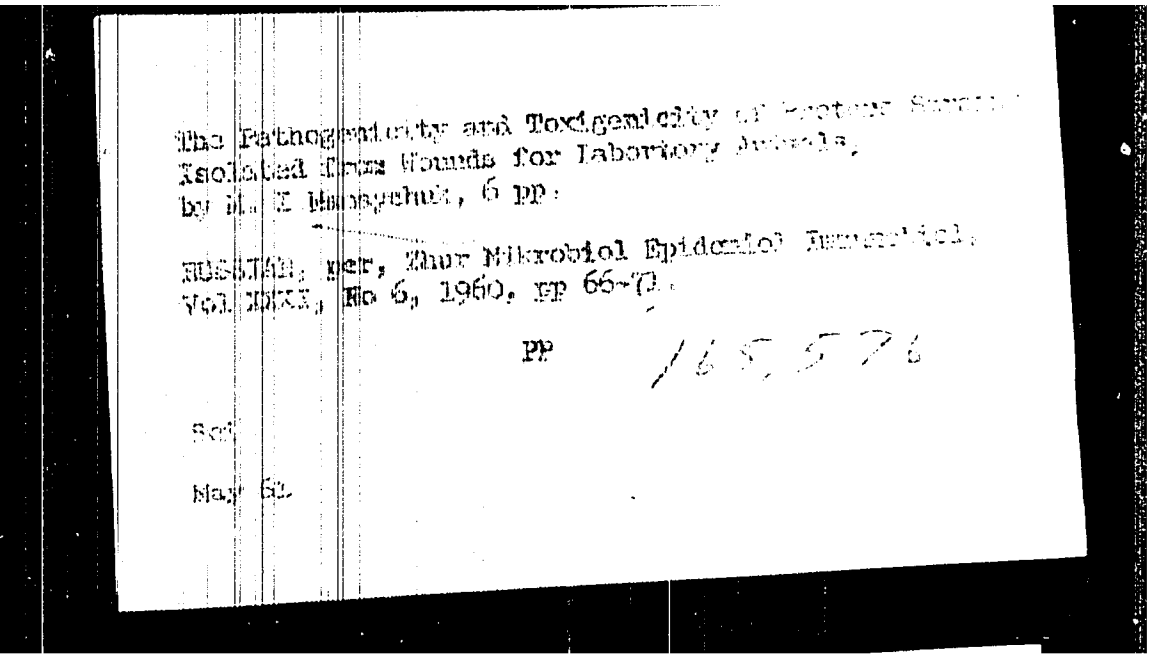

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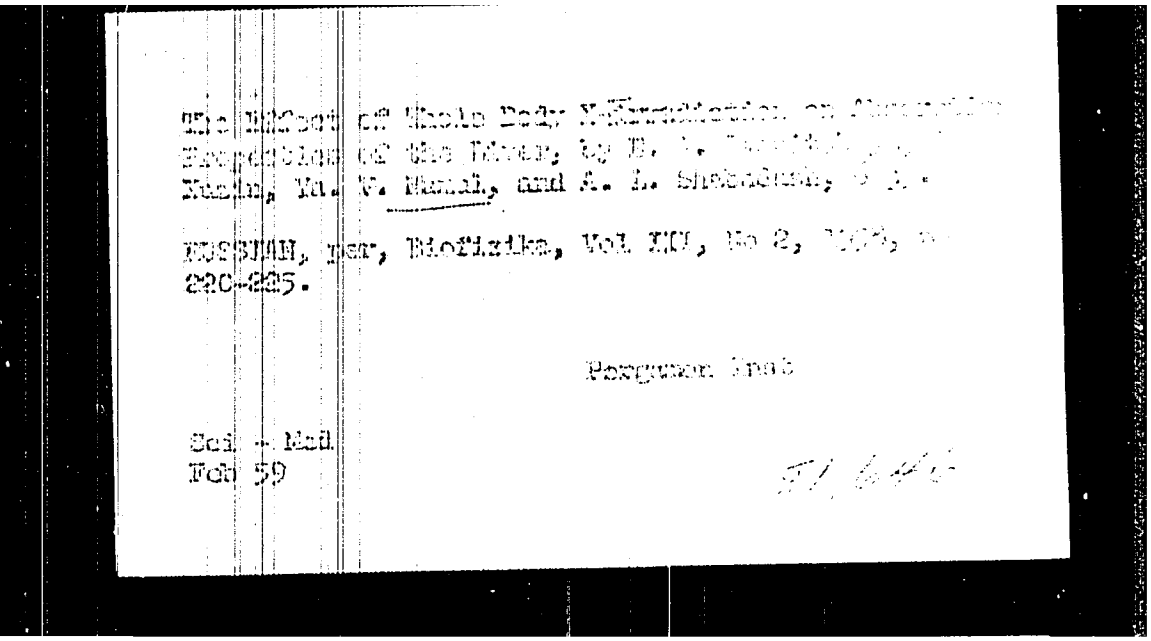

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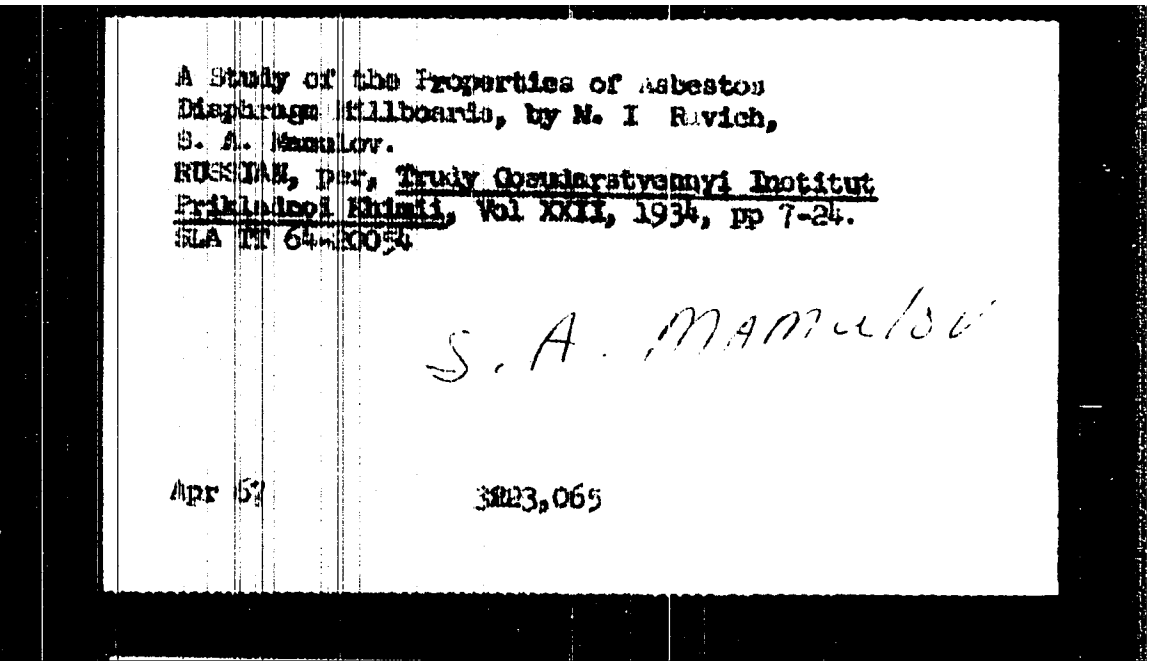

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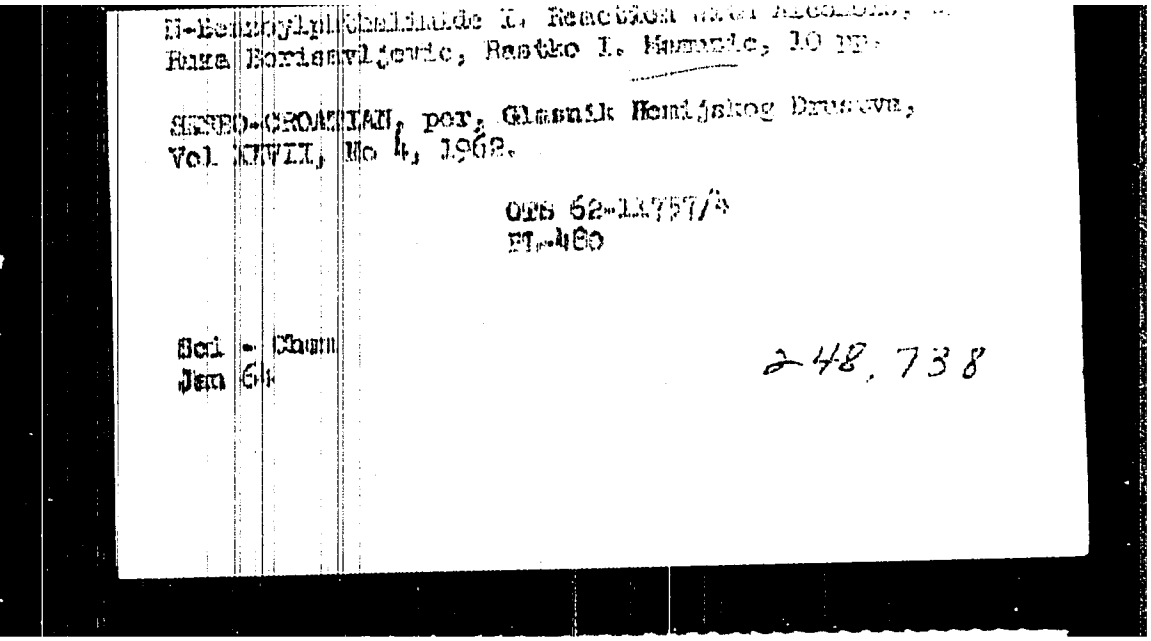

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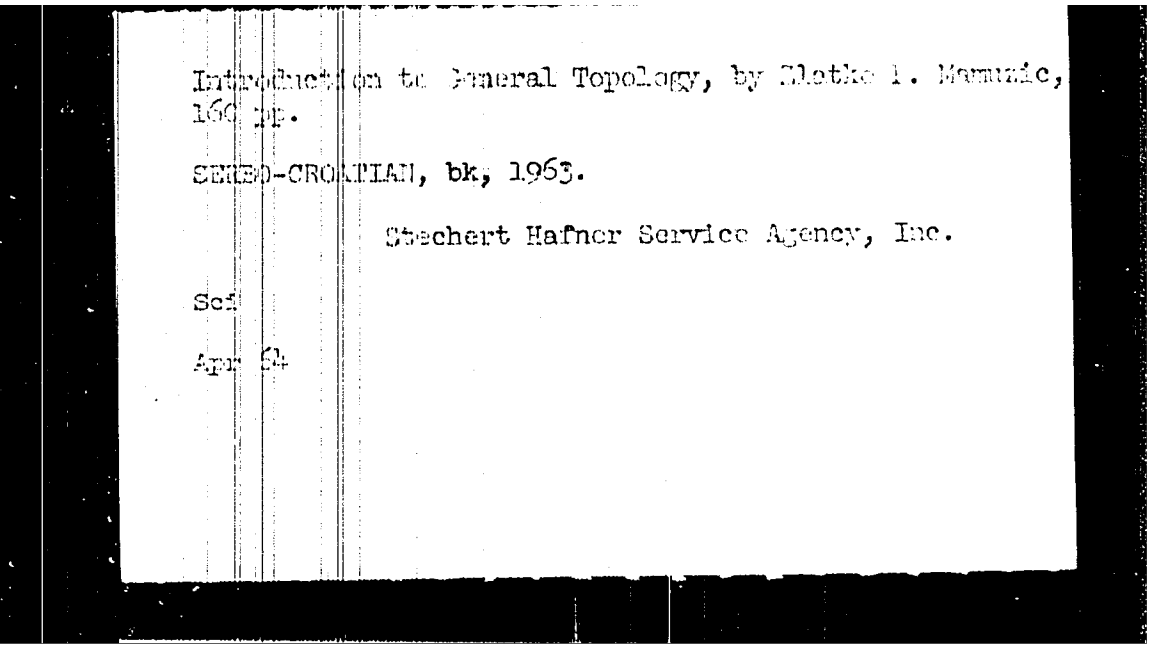

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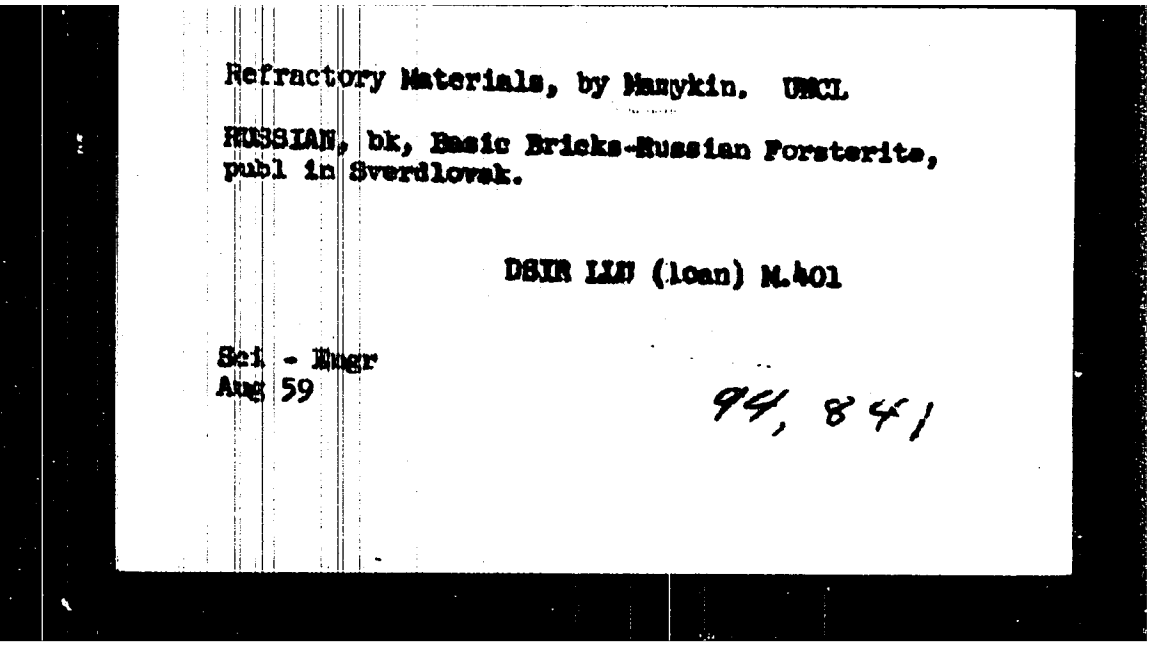

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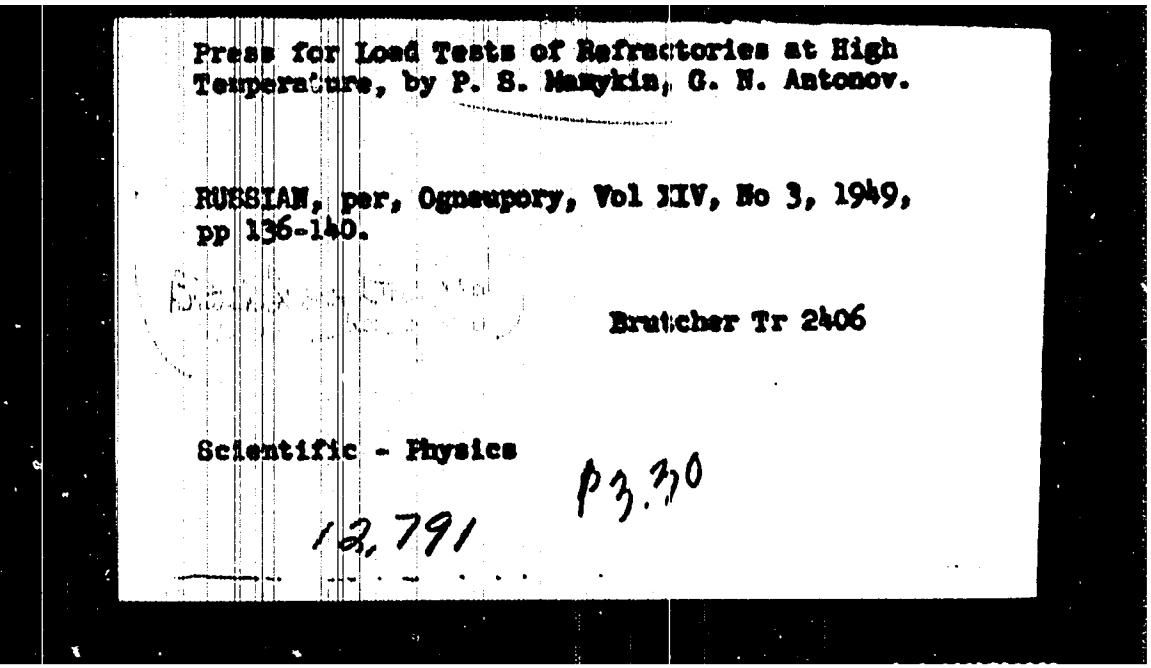

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Microsecond pulse generator with high repetition frequency

Générateur d'impulsions de l'ordre de la microseconde avec une fréquence de répétition élevée

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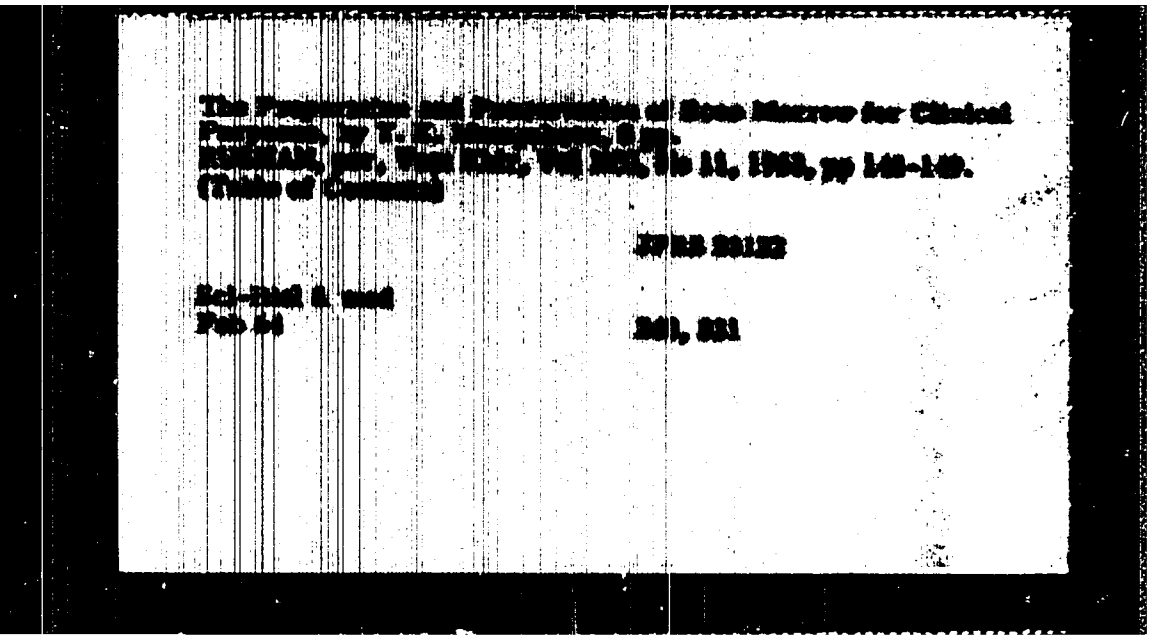

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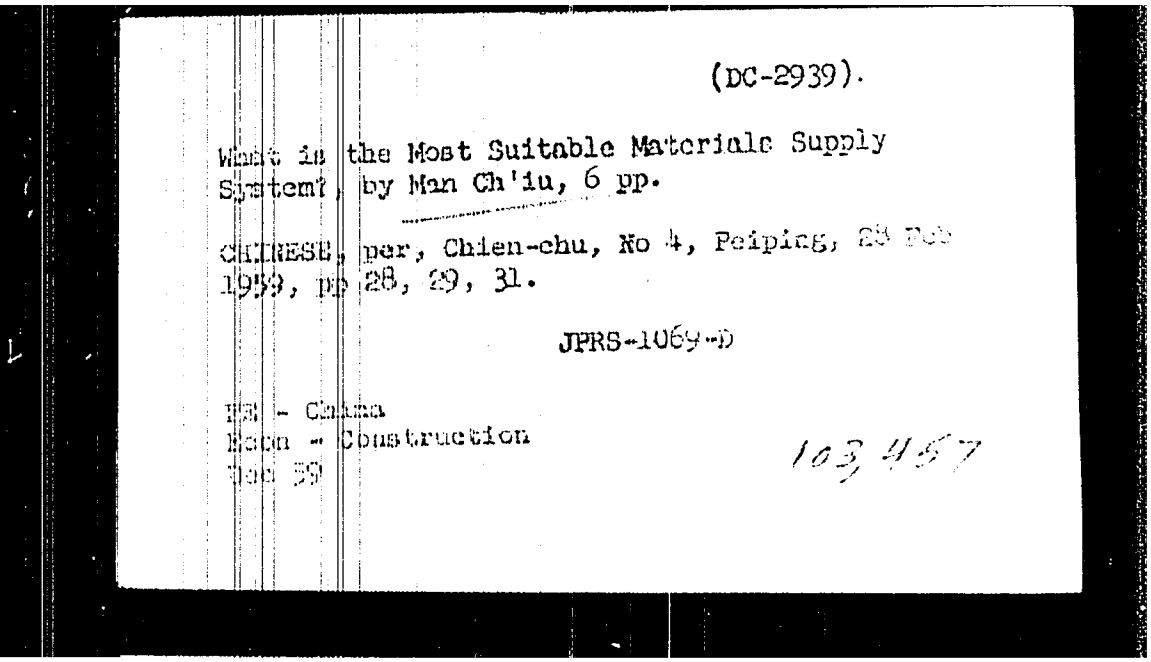

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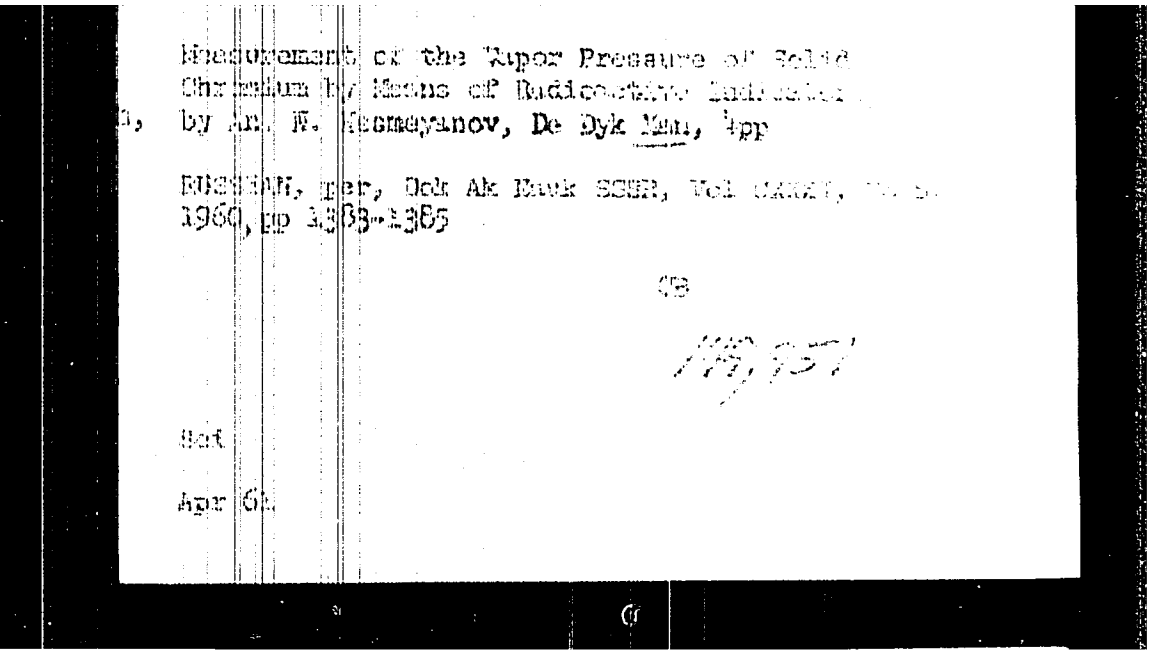

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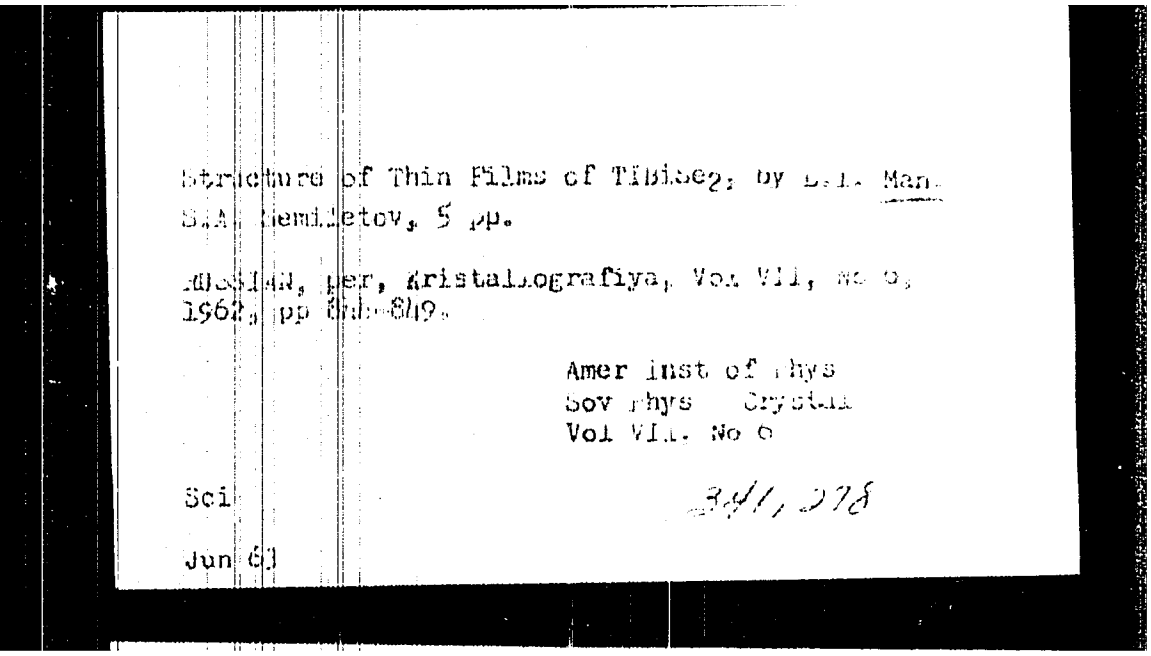

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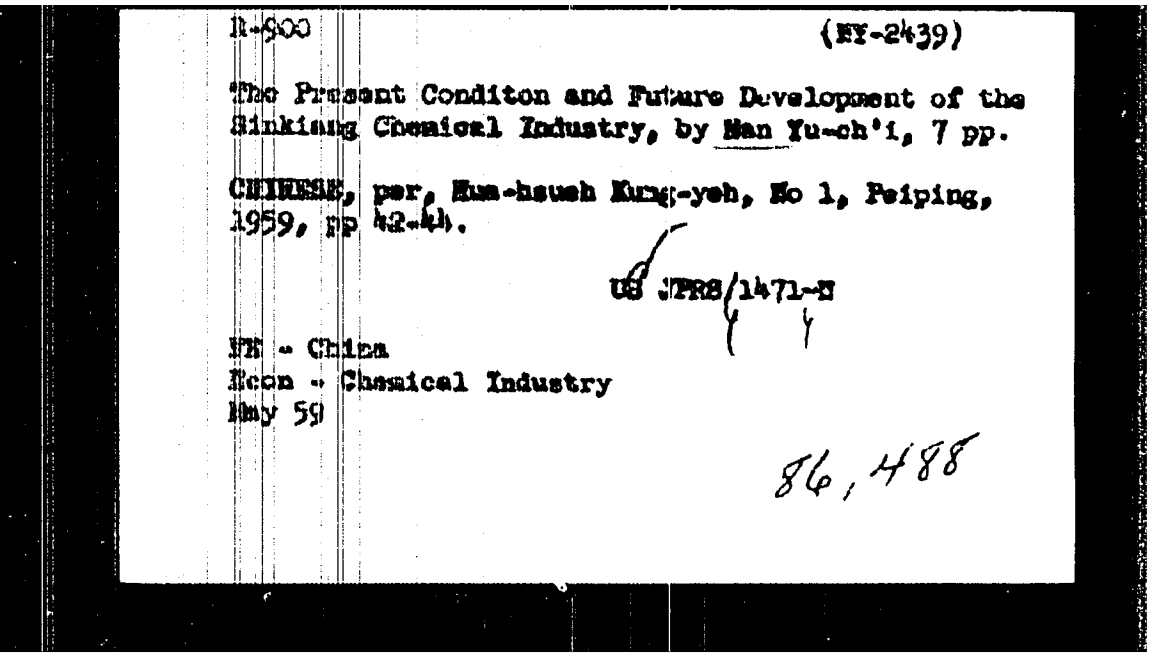

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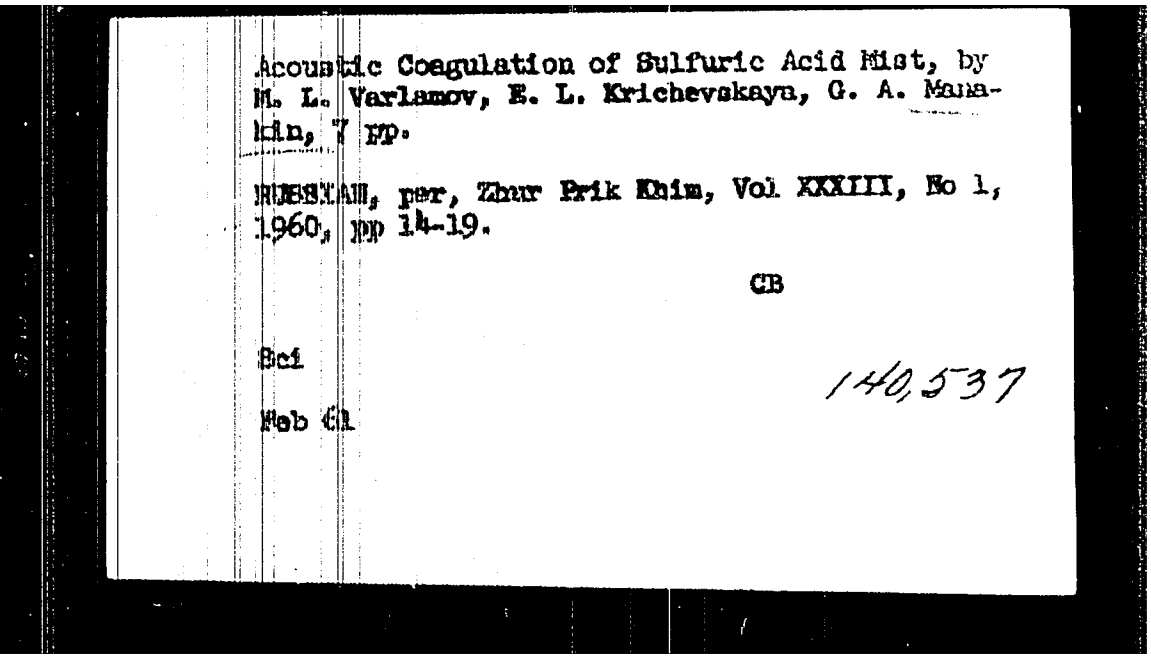

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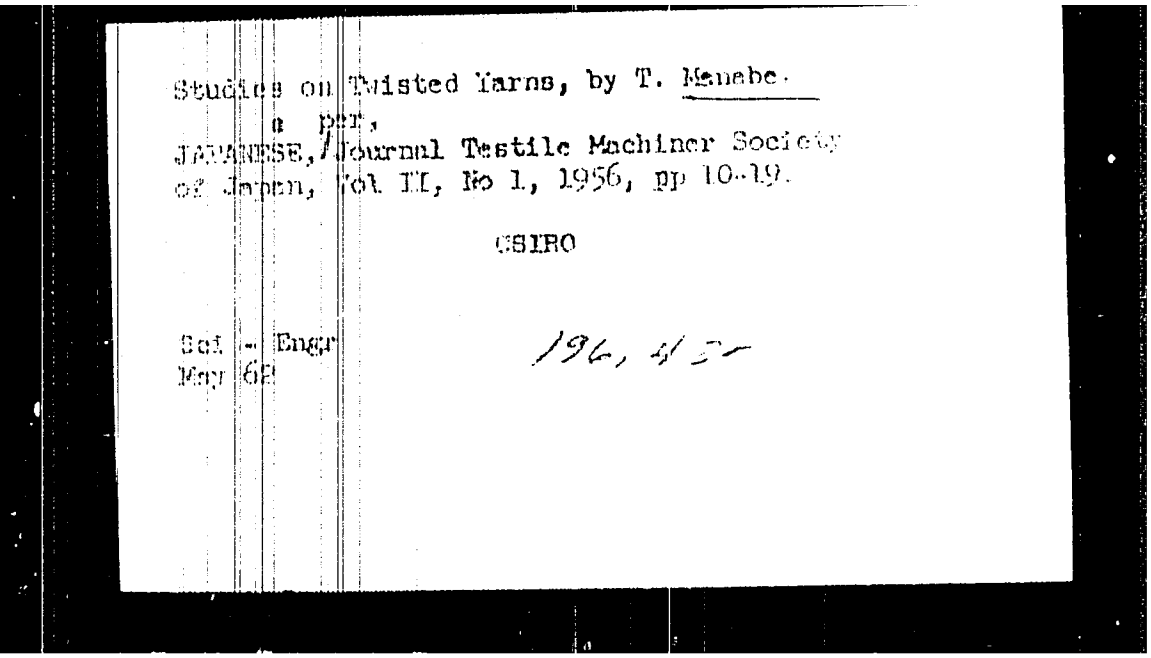

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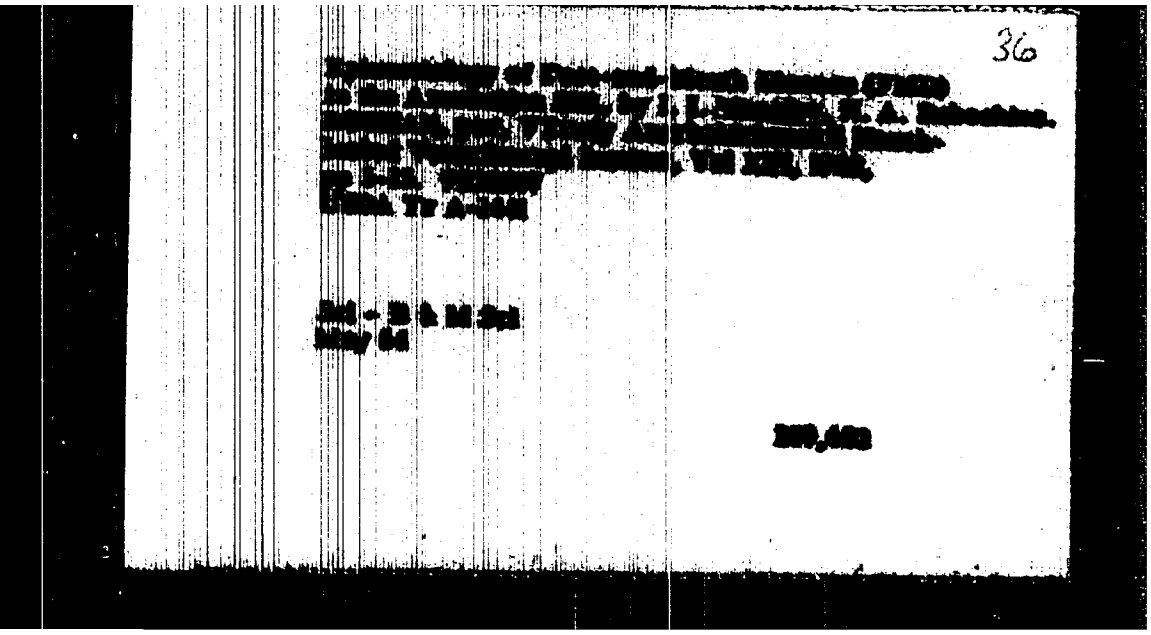

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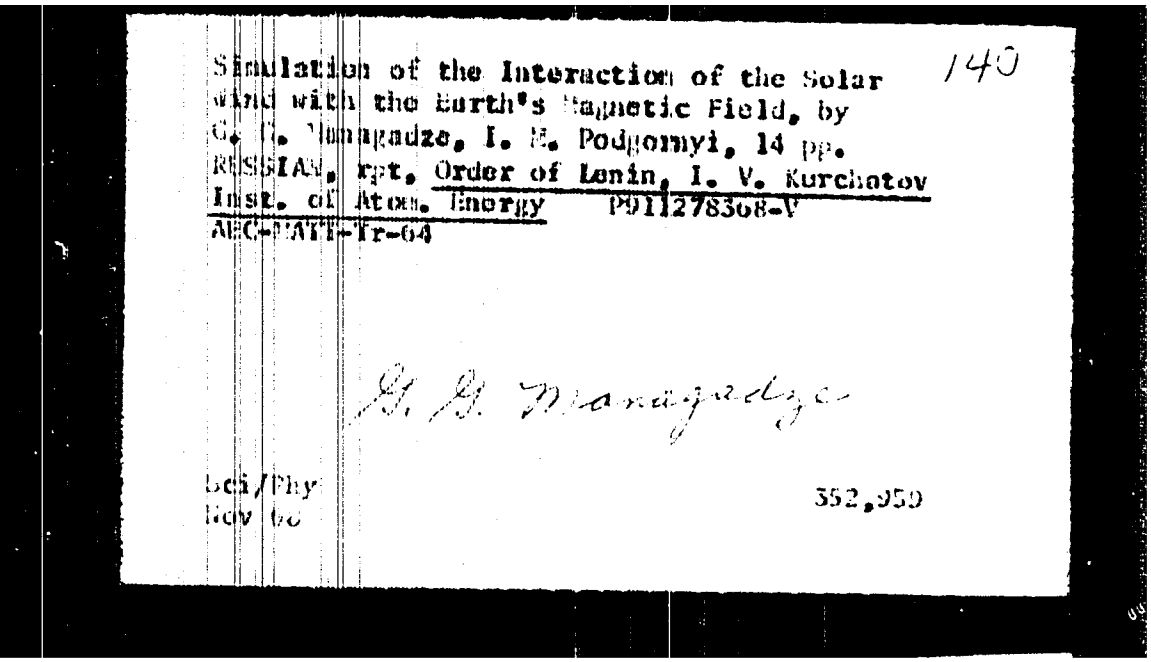

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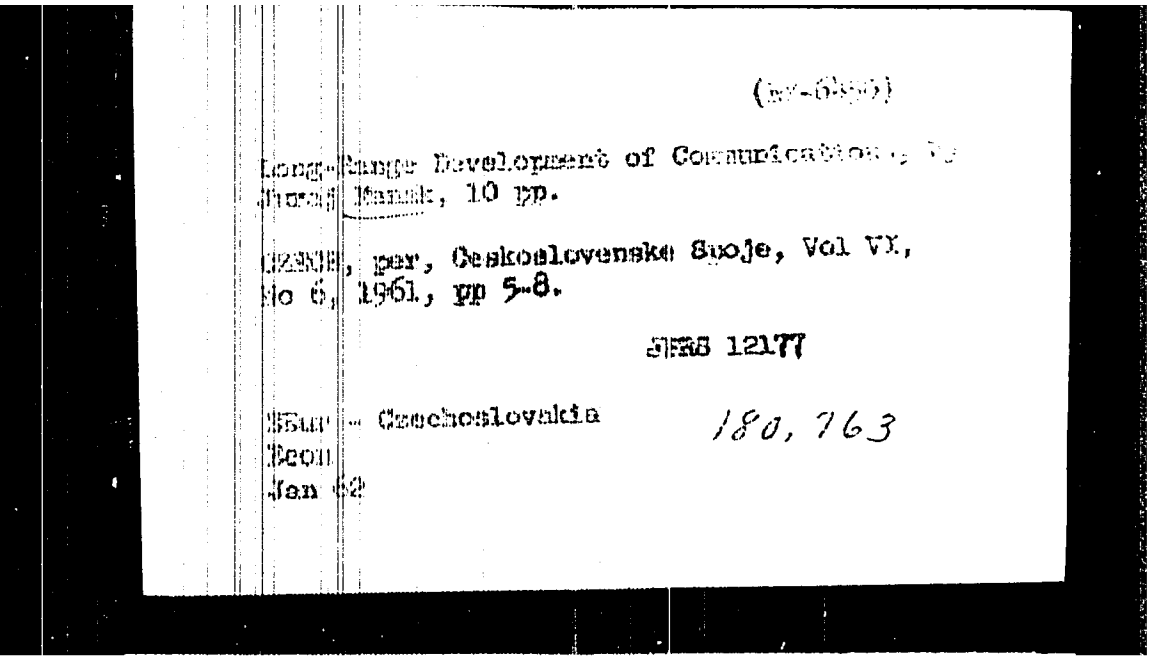

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